Table J1b.--Physical Properties of the Soils

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
2Hb:														
HOBBS	0-18	---	---	15-27	1.20-1.40	0.6-2	0.21-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	18-60	---	---	15-30	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	0.5-1.0	.43	.43			
2Hd:														
HORD	0-21	---	---	17-27	1.30-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	21-40	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	40-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
2HdA:														
HORD	0-18	---	---	17-27	1.30-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	18-33	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	33-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
2Iz:														
BOEL	0-8	---	---	8-18	1.50-1.70	2-6	0.16-0.18	0.0-2.9	1.0-2.0	.20	.20	3	3	86
	8-60	---	---	0-6	1.50-1.60	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.20	.20			
2ThA:														
BOELUS	0-17	---	---	2-12	1.50-1.70	6-20	0.10-0.12	0.0-2.9	1.0-3.0	.17	.17	5	2	134
	17-35	---	---	2-12	1.50-1.70	6-20	0.09-0.11	0.0-2.9	0.5-1.0	.17	.17			
	35-60	---	---	15-35	1.30-1.60	0.6-2	0.17-0.22	3.0-5.9	0.0-0.5	.43	.43			
5ThA:														
THURMAN	0-21	---	---	5-12	1.35-1.55	6-20	0.10-0.12	0.0-2.9	1.0-2.0	.17	.17	5	2	134
	21-26	---	---	5-12	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	26-60	---	---	2-7	1.60-1.80	6-20	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			
Be:														
BELFORE	0-6	---	---	24-27	1.30-1.50	0.6-2	0.20-0.22	3.0-5.9	2.0-4.0	.32	.32	5	6	48
	6-49	---	---	35-43	1.20-1.40	0.2-0.6	0.11-0.18	6.0-8.9	0.5-1.0	.43	.43			
	49-60	---	---	25-35	1.30-1.50	0.6-2	0.18-0.22	6.0-8.9	0.0-0.5	.43	.43			
BO:														
PSAMMENTS	0-60	---	---	0-6	1.70-1.90	6-20	0.05-0.09	0.0-2.9	0.0-0.5	.15	.15	5	1	310
CfD2:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
CfE2:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
CNC2:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
NORA VARIANT	0-7	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	3.0-5.9	0.5-2.0	.37	.37	5	6	48
	7-29	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	0.5-2.0	.43	.43			
	29-60	---	---	20-30	1.20-1.35	0.6-2	0.18-0.21	3.0-5.9	0.5-1.0	.43	.43			
CND2:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
NORA	0-7	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	7-25	---	---	20-35	1.25-1.35	0.2-0.6	0.17-0.20	3.0-5.9	0.5-1.0	.43	.43			
	25-60	---	---	18-30	1.30-1.45	0.6-2	0.17-0.20	3.0-5.9	0.0-1.0	.43	.43			
CNE:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
NORA	0-7	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	7-23	---	---	20-35	1.25-1.35	0.2-0.6	0.17-0.20	3.0-5.9	0.5-1.0	.43	.43			
	23-60	---	---	18-30	1.30-1.45	0.6-2	0.17-0.20	3.0-5.9	0.0-1.0	.43	.43			
Cz:														
CASS	0-13	---	---	10-20	1.20-1.40	0.6-2	0.20-0.22	0.0-2.9	1.0-3.0	.28	.28	5	5	56
	13-19	---	---	5-15	1.40-1.60	2-6	0.15-0.17	0.0-2.9	0.5-1.0	.28	.28			
	19-60	---	---	2-10	1.50-1.70	6-20	0.08-0.10	0.0-2.9	0.0-0.5	.17	.17			
Ea:														
ELSMERE	0-12	---	---	3-10	1.55-1.70	6-20	0.10-0.12	0.0-2.9	1.0-3.0	.17	.17	5	2	134
	12-21	---	---	0-8	1.50-1.60	6-20	0.06-0.11	0.0-2.9	0.0-0.5	.17	.17			
	21-60	---	---	0-5	1.50-1.60	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
Eb:														
ELSMERE	0-10	---	---	0-5	1.50-1.60	6-20	0.07-0.09	0.0-2.9	1.0-2.0	.15	.15	5	1	180
	10-19	---	---	0-8	1.50-1.60	6-20	0.06-0.11	0.0-2.9	0.0-0.5	.17	.17			
	19-60	---	---	0-5	1.50-1.60	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
Fm:														
FILLMORE	0-20	---	---	18-27	1.30-1.40	0.6-2	0.21-0.24	0.0-2.9	2.0-4.0	.37	.37	3	6	48
	20-58	---	---	45-55	1.10-1.30	0.01-0.06	0.11-0.14	6.0-8.9	1.0-2.0	.37	.37			
	58-60	---	---	35-50	1.20-1.40	0.2-0.6	0.18-0.20	6.0-8.9	0.5-1.0	.37	.37			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Ga:														
GANNETT	0-10	---	---	5-18	1.20-1.50	2-6	0.13-0.15	0.0-2.9	4.0-8.0	.20	.20	4	8	0
	10-30	---	---	5-18	1.20-1.50	2-6	0.13-0.19	0.0-2.9	0.5-1.0	.20	.20			
	30-60	---	---	2-7	1.40-1.70	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
GP:														
Pits	0-60	---	---	0-8	1.70-2.00	6-20	0.02-0.09	0.0-2.9	0.0-0.5	.10	.17	2	8	0
Ha:														
HALL	0-13	---	---	15-27	1.30-1.40	0.6-2	0.20-0.24	3.0-5.9	2.0-4.0	.32	.32	5	6	48
	13-44	---	---	20-35	1.30-1.50	0.2-0.6	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	44-60	---	---	15-30	1.30-1.40	0.6-2	0.18-0.22	3.0-5.9	0.5-1.0	.43	.43			
HaA:														
HALL	0-12	---	---	15-27	1.30-1.40	0.6-2	0.20-0.24	3.0-5.9	2.0-4.0	.32	.32	5	6	48
	12-37	---	---	20-35	1.30-1.50	0.2-0.6	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	37-60	---	---	15-30	1.30-1.40	0.6-2	0.18-0.22	3.0-5.9	0.5-1.0	.43	.43			
Hb:														
SHELL	0-18	---	---	15-27	1.20-1.30	0.6-2	0.22-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	18-44	---	---	20-30	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.5-1.0	.43	.43			
	44-60	---	---	20-30	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
Hd:														
HORD	0-16	---	---	17-27	1.30-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	16-42	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	42-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
HdA:														
HORD	0-14	---	---	17-27	1.30-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	14-38	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	38-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
HdB:														
HORD	0-12	---	---	17-27	1.30-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	12-30	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	30-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
HO:														
HORD	0-18	---	---	8-20	1.40-1.60	2-6	0.16-0.18	0.0-2.9	1.0-3.0	.20	.20	5	3	86
	18-40	---	---	20-35	1.35-1.45	0.6-2	0.17-0.22	0.0-2.9	0.5-1.0	.43	.43			
	40-60	---	---	18-30	1.30-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
ORTELLO	0-15	---	---	8-18	1.55-1.70	2-6	0.16-0.18	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	15-31	---	---	8-18	1.50-1.70	2-6	0.12-0.17	0.0-2.9	0.0-0.5	.20	.20			
	31-60	---	---	7-22	1.35-1.50	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.28	.28			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
HSzA:														
HALL	0-13	---	---	15-27	1.30-1.40	0.6-2	0.20-0.24	3.0-5.9	2.0-4.0	.32	.32	5	6	48
	13-44	---	---	20-35	1.30-1.50	0.2-0.6	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	44-60	---	---	15-30	1.30-1.40	0.6-2	0.18-0.22	3.0-5.9	0.5-1.0	.43	.43			
GAYVILLE	0-6	---	---	20-27	1.15-1.20	0.6-2	0.17-0.20	0.0-2.9	2.0-5.0	.37	.37	2	6	48
	6-30	---	---	35-45	1.35-1.45	0.0015-0.06	0.10-0.16	6.0-8.9	1.0-2.0	.37	.37			
	30-60	---	---	27-35	1.30-1.40	0.2-0.6	0.14-0.16	3.0-5.9	0.0-1.0	.43	.43			
INT:														
Aquolls	0-72	---	---	---	---	---	---	---	---	---	---	--	---	---
Iz:														
INAVALE	0-4	---	---	2-10	1.50-1.60	6-20	0.10-0.12	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	4-8	---	---	3-10	1.50-1.60	6-20	0.06-0.11	0.0-2.9	0.0-0.5	.17	.17			
	8-30	---	---	3-10	1.50-1.60	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.15	.15			
	30-60	---	---	3-10	1.50-1.60	6-20	0.05-0.11	0.0-2.9	0.0-0.5	.15	.15			
Lb:														
LAMO	0-15	---	---	18-35	1.30-1.60	0.2-0.6	0.19-0.23	3.0-5.9	1.0-3.0	.32	.32	5	4L	86
	15-80	---	---	25-35	1.30-1.50	0.2-0.6	0.18-0.22	3.0-5.9	0.5-1.0	.43	.43			
Le:														
LESHARA	0-13	---	---	15-27	1.30-1.50	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	13-34	---	---	12-27	1.30-1.50	0.6-2	0.20-0.22	0.0-2.9	0.5-1.0	.43	.43			
	34-60	---	---	18-32	1.30-1.50	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
Lh:														
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
LlB2:														
LORETTO	0-8	---	---	10-20	1.30-1.50	0.6-2	0.20-0.22	0.0-2.9	2.0-3.0	.28	.28	5	5	56
	8-32	---	---	20-35	1.30-1.40	0.6-6	0.17-0.20	0.0-2.9	1.0-2.0	.37	.37			
	32-60	---	---	18-30	1.40-1.50	0.6-2	0.17-0.20	0.0-2.9	0.5-1.0	.37	.37			
Lm:														
LOUP	0-10	---	---	8-18	1.10-1.30	0.6-2	0.20-0.22	0.0-2.9	4.0-8.0	.24	.24	3	8	0
	10-60	---	---	2-7	1.50-1.70	6-20	0.06-0.08	0.0-2.9	0.5-1.0	.17	.17			
LNC2:														
LORETTO	0-12	---	---	8-18	1.40-1.60	2-6	0.13-0.18	0.0-2.9	2.0-3.0	.20	.20	5	3	86
	12-36	---	---	20-35	1.30-1.40	0.6-6	0.17-0.20	0.0-2.9	1.0-2.0	.37	.37			
	36-60	---	---	18-30	1.40-1.50	0.6-6	0.17-0.20	0.0-2.9	0.5-1.0	.37	.37			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
NORA	0-12	---	---	8-18	1.40-1.60	2-6	0.13-0.18	0.0-2.9	2.0-3.0	.20	.20	5	3	86
	12-30	---	---	20-35	1.30-1.40	0.6-6	0.17-0.20	0.0-2.9	1.0-2.0	.37	.37			
	30-60	---	---	18-30	1.40-1.50	0.6-6	0.17-0.20	0.0-2.9	0.5-1.0	.37	.37			
LvA2:														
LORETTO	0-18	---	---	8-18	1.40-1.60	2-6	0.13-0.18	0.0-2.9	2.0-3.0	.20	.20	5	3	86
	18-42	---	---	20-35	1.30-1.40	0.6-6	0.17-0.20	0.0-2.9	1.0-2.0	.37	.37			
	42-60	---	---	18-30	1.40-1.50	0.6-6	0.17-0.20	0.0-2.9	0.5-1.0	.37	.37			
LvB2:														
LORETTO	0-18	---	---	8-18	1.40-1.60	2-6	0.13-0.18	0.0-2.9	2.0-3.0	.20	.20	5	3	86
	18-42	---	---	20-35	1.30-1.40	0.6-6	0.17-0.20	0.0-2.9	1.0-2.0	.37	.37			
	42-60	---	---	18-30	1.40-1.50	0.6-6	0.17-0.20	0.0-2.9	0.5-1.0	.37	.37			
M-W:														
Miscellaneous water	---	---	---	---	---	---	---	---	---	---	---	--	---	---
MA:														
FLUVAQUENTS	0-60	---	---	18-35	1.10-1.65	0.2-6	0.16-0.23	0.0-2.9	2.0-8.0	.28	.28	5	8	0
MoA:														
MOODY	0-12	---	---	27-35	1.20-1.30	0.2-0.6	0.21-0.23	3.0-5.9	2.0-4.0	.32	.32	5	7	38
	12-48	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	2.0-4.0	.43	.43			
	48-60	---	---	20-27	1.20-1.30	0.6-2	0.19-0.21	3.0-5.9	0.0-1.0	.43	.43			
MoA2:														
MOODY	0-10	---	---	27-35	1.20-1.30	0.2-0.6	0.21-0.23	3.0-5.9	2.0-4.0	.32	.32	5	7	38
	10-40	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	2.0-4.0	.43	.43			
	40-60	---	---	20-27	1.20-1.30	0.6-2	0.19-0.21	3.0-5.9	0.0-1.0	.43	.43			
MoB2:														
MOODY	0-8	---	---	27-35	1.20-1.30	0.2-0.6	0.21-0.23	3.0-5.9	2.0-4.0	.32	.32	5	7	38
	8-36	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	2.0-4.0	.43	.43			
	36-60	---	---	20-27	1.20-1.30	0.6-2	0.19-0.21	3.0-5.9	0.0-1.0	.43	.43			
NCD:														
NORA	0-9	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	9-27	---	---	20-35	1.25-1.35	0.6-2	0.17-0.20	3.0-5.9	0.5-1.0	.43	.43			
	27-60	---	---	18-30	1.30-1.45	0.6-2	0.17-0.20	3.0-5.9	0.0-1.0	.43	.43			
CROFTON	0-4	---	---	20-27	1.20-1.30	0.6-2	0.21-0.24	0.0-2.9	0.5-2.0	.43	.43	5	4L	86
	4-60	---	---	15-27	1.10-1.20	0.6-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
NMB2:														
NORA	0-10	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	10-34	---	---	20-35	1.25-1.35	0.6-2	0.17-0.20	3.0-5.9	0.5-1.0	.43	.43			
	34-60	---	---	18-30	1.30-1.45	0.6-2	0.17-0.20	3.0-5.9	0.0-1.0	.43	.43			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MOODY	0-8	---	---	20-27	1.25-1.35	0.6-2	0.22-0.24	3.0-5.9	2.0-4.0	.32	.32	5	6	48
	8-36	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	2.0-4.0	.43	.43			
	36-60	---	---	20-27	1.20-1.30	0.6-2	0.19-0.21	3.0-5.9	0.0-1.0	.43	.43			
NoC:														
NORA	0-10	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	10-32	---	---	20-35	1.25-1.35	0.6-2	0.17-0.20	3.0-5.9	0.5-1.0	.43	.43			
	32-60	---	---	18-30	1.30-1.45	0.6-2	0.17-0.20	3.0-5.9	0.0-1.0	.43	.43			
NoC2:														
NORA VARIANT	0-8	---	---	20-27	1.20-1.30	0.6-2	0.19-0.22	3.0-5.9	0.5-2.0	.37	.37	5	6	48
	8-28	---	---	27-35	1.20-1.30	0.2-0.6	0.18-0.20	3.0-5.9	0.5-2.0	.43	.43			
	28-60	---	---	20-30	1.20-1.35	0.6-2	0.18-0.21	3.0-5.9	0.5-1.0	.43	.43			
Sx:														
INAVALE	0-8	---	---	2-10	1.50-1.60	6-20	0.10-0.12	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	8-17	---	---	3-10	1.50-1.60	6-20	0.06-0.11	0.0-2.9	0.0-0.5	.17	.17			
	17-40	---	---	3-10	1.50-1.60	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.15	.15			
	40-80	---	---	3-10	1.50-1.60	6-20	0.05-0.11	0.0-2.9	0.0-0.5	.15	.15			
Sy:														
HOBBS	0-7	---	---	15-27	1.20-1.40	0.6-2	0.21-0.24	0.0-2.9	2.0-4.0	.32	.32	5	6	48
	7-34	---	---	15-27	1.20-1.40	0.6-2	0.18-0.20	0.0-2.9	0.5-1.0	.32	.32			
	34-80	---	---	15-30	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	0.5-1.0	.43	.43			
ThA:														
THURMAN	0-17	---	---	5-12	1.35-1.55	6-20	0.10-0.12	0.0-2.9	1.0-2.0	.17	.17	5	2	134
	17-23	---	---	5-12	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	23-60	---	---	2-7	1.60-1.80	6-20	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			
ThB:														
THURMAN	0-17	---	---	5-12	1.35-1.55	6-20	0.10-0.12	0.0-2.9	1.0-2.0	.17	.17	5	2	134
	17-23	---	---	5-12	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	23-60	---	---	2-7	1.60-1.80	6-20	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			
ThC:														
THURMAN	0-14	---	---	5-12	1.35-1.55	6-20	0.10-0.12	0.0-2.9	1.0-2.0	.17	.17	5	2	134
	14-23	---	---	5-12	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	23-60	---	---	2-7	1.60-1.80	6-20	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			
TV:														
THURMAN	0-14	---	---	2-7	1.40-1.60	6-20	0.07-0.09	0.0-2.9	1.0-2.0	.15	.15	5	1	180
	14-23	---	---	5-12	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	23-60	---	---	2-7	1.60-1.80	6-20	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
VALENTINE	0-4	---	---	0-6	1.40-1.60	6-20	0.07-0.09	0.0-2.9	0.5-1.0	.15	.15	5	1	250
	4-7	---	---	2-10	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	7-60	---	---	0-6	1.60-1.80	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
VaC:														
VALENTINE	0-4	---	---	0-6	1.40-1.60	6-20	0.07-0.09	0.0-2.9	0.5-1.0	.15	.15	5	1	250
	4-7	---	---	2-10	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	7-60	---	---	0-6	1.60-1.80	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
Vb:														
VALENTINE	0-6	---	---	2-10	1.35-1.55	6-20	0.10-0.12	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	6-7	---	---	2-10	1.55-1.75	6-20	0.09-0.11	0.0-2.9	0.0-0.5	.17	.17			
	7-60	---	---	0-6	1.60-1.80	6-20	0.05-0.07	0.0-2.9	0.0-0.5	.15	.15			
W:														
WATER	---	---	---	---	---	---	---	---	---	---	---	--	---	---
Wm:														
WANN	0-17	---	---	12-25	1.25-1.45	0.6-2	0.20-0.22	0.0-2.9	1.0-3.0	.28	.28	5	5	56
	17-22	---	---	3-18	1.50-1.70	2-6	0.11-0.17	0.0-2.9	0.5-1.0	.28	.28			
	22-60	---	---	3-22	1.35-1.80	2-6	0.05-0.17	0.0-2.9	0.0-0.5	.15	.15			
Wx:														
BARNEY	0-7	---	---	20-35	1.30-1.50	0.2-0.6	0.20-0.23	0.0-2.9	2.0-4.0	.32	.32	5	8	0
	7-10	---	---	3-10	1.60-1.80	2-20	0.09-0.14	0.0-2.9	0.0-0.5	.17	.17			
	10-60	---	---	0-5	1.70-1.90	6-20	0.04-0.07	0.0-2.9	0.0-0.5	.10	.10			
	60-80	---	---	0-3	1.65-1.85	20-20	0.02-0.05	0.0-2.9	0.0-0.5	.05	.10			